

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Spring 2010 Levee Inspection Results**

Reclamation District No. 2063 Crows Landing

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 2063 Crows Landing

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	10.63
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/17/2010 - 5/17/2010			
DWR Inspector	Richard Willoughby			
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2063 Crows Landing

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River						Right	10.63	05/17/2010 05/17/2010	Richard Willoughby	
LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	10.63	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.478860 ° -121.044640 °	37.390464 ° -121.941192 °	2
2	0.00	10.63	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.478860 ° -121.044648 °	37.390464 ° -121.941192 °	3
3	1.19	1.19	Earthen Levee	Animal Control	LS	A	Exterminate rodents and backfill and compact or grout burrows.	37.465688 ° -121.034907 °	37.465688 ° -121.034907 °	969
4	1.33	1.33	Earthen Levee	Animal Control	LS	A	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.464643 ° -121.032930 °	37.464643 ° -121.032930 °	970
5	1.39	1.39	Earthen Levee	Animal Control	LS	A	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.463875 ° -121.032355 °	37.463875 ° -121.032355 °	971
6	1.45	1.53	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.463015 ° -121.032119 °	37.461889 ° -121.031872 °	976
7	1.57	1.57	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.461322 ° -121.031785 °	37.461322 ° -121.031785 °	4
8	1.75	1.82	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.459155 ° -121.033177 °	37.458255 ° -121.033636 °	977
9	1.86	1.89	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.457686 ° -121.033706 °	37.457258 ° -121.033720 °	978
10	1.92	1.92	Interior Drainage & Piping Systems	Sluice / Slide Gates	WS	C	Inspector Comments: Screw gate buried, not able to operate.	37.456745 ° -121.033795 °	37.456745 ° -121.033795 °	6
11	2.09	2.09	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.454593 ° -121.032530 °	37.454593 ° -121.032530 °	972
12	2.50	2.58	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.450043 ° -121.028317 °	37.449244 ° -121.027296 °	979
13	2.52	2.58	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.449855 ° -121.028047 °	37.449244 ° -121.027300 °	980
14	2.66	2.70	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.448274 ° -121.026543 °	37.447768 ° -121.026210 °	981
15	2.66	2.66	Interior Drainage & Piping Systems	Flap Gates	WS	C	Inspector Comments: District should remove vegetation to allow proper function of flap gate.	37.448247 ° -121.026508 °	37.448247 ° -121.026508 °	8
16	2.72	2.72	Supplemental DWR Erosion Survey		WS	M	Inspector Comments: 2009: Note this site has not been reported to be repaired [2009 SiteID:RD2063U1RM105.5]	37.447450 ° -121.026090 °	37.447450 ° -121.026090 °	1 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2063 Crows Landing

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River						Right	10.63	05/17/2010 05/17/2010	Richard Willoughby	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	2.72	2.79	Earthen Levee	Animal Control	LS	M	Repair the levee slope damaged by livestock and prevent large animal access.	37.447512 ° -121.026050 °	37.446574 ° -121.025643 °	982
18	2.79	2.83	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.446574 ° -121.025640 °	37.446007 ° -121.025568 °	983
19	3.10	3.24	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.442672 ° -121.024784 °	37.442259 ° -121.022331 °	984
20	3.20	3.26	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.442390 ° -121.023028 °	37.442137 ° -121.022011 °	985
21	3.56	3.56	Earthen Levee	Animal Control	WS	A	Exterminate rodents and backfill and compact or grout burrows.	37.438504 ° -121.019079 °	37.438504 ° -121.019079 °	973
22	3.67	3.67	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.437194 ° -121.018104 °	37.437194 ° -121.018104 °	986
23	3.69	3.81	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.436953 ° -121.017913 °	37.435856 ° -121.016290 °	987
24	3.94	4.10	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.434654 ° -121.014525 °	37.432596 ° -121.013330 °	988
25	3.96	4.14	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.434410 ° -121.014293 °	37.432092 ° -121.012970 °	30
26	4.10	4.10	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	37.432470 ° -121.013368 °	37.432470 ° -121.013368 °	14
27	4.11	4.11	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	37.432392 ° -121.013322 °	37.432392 ° -121.013322 °	15
28	5.13	5.13	Earthen Levee	Encroachments	LS	U	Pipe Inspector Comments: Landowner modified pipe structure and cut into landside slope without permission from CVFPB. See field investigation report for more detail.	37.427210 ° -120.999288 °	37.477210 ° -120.992880 °	50 Y
29	6.03	6.19	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.416498 ° -120.997435 °	37.415155 ° -120.999809 °	38
30	6.09	6.09	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.415887 ° -120.998083 °	37.415887 ° -120.998083 °	5
31	6.89	6.89	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.411785 ° -120.993548 °	37.411785 ° -120.993548 °	39
32	7.69	7.69	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.403516 ° -120.985718 °	37.403516 ° -120.985718 °	7

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Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River						Right	10.63	05/17/2010 05/17/2010	Richard Willoughby	
LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
33	7.88	7.88	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.401774 ° -120.983132 °	37.401774 ° -120.983132 °	9
34	9.60	10.32	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.390682 ° -121.959533 °	37.390546 ° -120.946710 °	989
35	9.60	10.32	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.390682 ° -120.959533 °	37.390546 ° -120.946714 °	990
36	10.38	10.62	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	37.390557 ° -120.945715 °	37.390508 ° -120.941290 °	47

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.63	05/17/2010 05/17/2010	Richard Willoughby

Levee Mile Report Line	16
Start Levee Mile	2.72
End Levee Mile	2.72
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: Note this site has not been reported to be repaired [2009 SiteID:RD2063U1RM105.5]

SJR2009_RM105.5a.JPG



Levee Mile Report Line	16
Start Levee Mile	2.72
End Levee Mile	2.72
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: Note this site has not been reported to be repaired [2009 SiteID:RD2063U1RM105.5]

SJR2009_RM105.5b.JPG



Levee Mile Report Line	16
Start Levee Mile	2.72
End Levee Mile	2.72
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: Note this site has not been reported to be repaired [2009 SiteID:RD2063U1RM105.5]

SJR2009_RM105.5c.JPG



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.63	05/17/2010 05/17/2010	Richard Willoughby

Levee Mile Report Line	28
Start Levee Mile	5.13
End Levee Mile	5.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of cut into landside slope

richard_s_20100505_064.jpg



Levee Mile Report Line	28
Start Levee Mile	5.13
End Levee Mile	5.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of concrete stand pipe and encased pipe on landside toe.

richard_s_20100505_065.jpg



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